

INFORMATION DISCLOSURE STATEMENT

Applicant : Rule, et al.
App. No. : 10/828,938
Filed : April 21, 2004
For : ULTRASOUND ENHANCED
CENTRAL VENOUS CATHETER
Examiner : Unknown
Group Art Unit : 3763

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19 nov 04

(Date)


Kyle F. Schlueter, Reg. No. 54,912

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 93 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.


This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

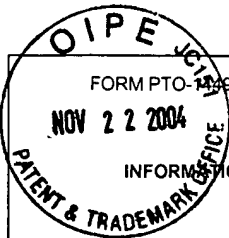
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 19 nov 04

By:


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Registration No. 54,912
Attorney of Record
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 <p>FORM PTO-159 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>	<p>ATTY. DOCKET NO. EKOS.095A</p>	<p>APPLICATION NO. 10/828,938</p>
	<p>APPLICANT Rule, et al.</p>	
	<p>FILING DATE April 21, 2004</p>	<p>GROUP 3763</p>

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,059,851	10/22/91	Corl, et al.			
	2	5,158,071	10/27/92	Umemura, et al.			
	3	5,163,421	11/17/92	Bernstein, et al.			
	4	5,197,946	03/30/93	Tachibana			
	5	5,267,954	12/07/93	Nita			
	6	5,269,291	12/14/93	Carter			
	7	5,304,115	04/19/94	Pflueger, et al.			
	8	5,312,328	05/17/94	Nita, et al.			
	9	5,318,014	06/07/94	Carter			
	10	5,342,292	08/30/94	Nita, et al.			
	11	5,362,309	11/08/94	Carter			
	12	5,368,036	11/29/94	Tanaka, et al.			
	13	5,368,557	11/29/94	Nita, et al.			
	14	5,380,273	01/10/95	Dubrul, et al.			
	15	5,382,228	01/17/95	Nita, et al.			
	16	5,447,510	09/05/95	Jensen			
	17	5,474,531	12/12/95	Carter			
	18	5,496,267	03/05/96	Drasler, et al.			
	19	5,533,986	07/09/96	Mottola, et al.			
	20	5,542,917	08/06/96	Nita, et al.			
	21	5,560,362	10/01/96	Sliwa, Jr., et al.			
	22	5,620,479	04/15/97	Diederich			
	23	5,628,728	05/13/97	Tachibana, et al.			
	24	5,630,837	05/20/97	Crowley			
	25	5,713,848	02/03/98	Dubrul, et al.			
	26	5,725,494	03/10/98	Briskin			
	27	5,728,062	03/17/98	Briskin			

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	

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	28	5,735,811	04/07/98	Brisken			
	29	5,836,896	11/17/98	Rosenschein			
	30	5,916,192	06/29/99	Nita, et al.			
	31	5,928,186	07/27/99	Homsma, et al.			
	32	5,931,805	08/03/99	Brisken			
	33	5,997,497	12/07/99	Nita, et al.			
	34	6,001,069	12/14/99	Tachibana, et al.			
	35	6,024,718	02/15/00	Chen, et al.			
	36	6,053,868	04/25/00	Geistert, et al.			
	37	6,096,000	08/01/00	Tachibana, et al.			
	38	6,113,558	09/05/00	Rosenschein, et al.			
	39	6,120,454	09/19/00	Suorsa, et al.			
	40	6,176,842	01/23/01	Tachibana, et al.			
	41	6,210,356	04/03/01	Anderson, et al.			
	42	6,228,046	05/08/01	Brisken			
	43	6,235,024	05/22/01	Tu			
	44	6,287,271	09/11/01	Dubrul, et al.			
	45	6,296,619	10/02/01	Brisken, et al.			
	46	6,361,531	03/26/02	Hissong			
	47	6,387,035	05/14/02	Jung, Jr., et al.			
	48	6,423,026	05/23/02	Gesswein, et al.			
	49	6,433,464	08/13/02	Jones			
	50	6,461,314	10/08/02	Pant, et al.			
	51	6,524,251	02/25/03	Rabiner, et al.			
	52	6,524,300	02/25/03	Meglin			
	53	6,542,797	04/01/03	Lohmiller			
	54	6,551,337	04/22/03	Rabiner, et al.			

EXAMINER

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	55	6,582,392	06/24/03	Bennett, et al.			
	56	6,589,182	05/08/03	Loftman, et al.			
	57	6,599,288	05/29/03	Maguire, et al.			
	58	6,652,547	11/25/03	Rabiner, et al.			
	59	6,660,013	12/09/03	Rabiner, et al.			
	60	6,663,613	12/16/03	Evans, et al.			
	61	2001/0037106	11/01/01	Shadduck			
	62	2002/0022833	02/21/02	Maguire, et al.			
	63	2002/0133111	09/19/02	Shadduck			
	64	2002/0151825	10/17/02	Rubenchik, et al.			
	65	2003/0036705	02/20/03	Hare, et al			
	66	2003/0040698	02/27/03	Makin, et al			
	67	2003/0069590	04/10/03	Rabiner, et al.			
	68	2003/0109812	06/12/03	Corl, et al.			
	69	2003/0236539	12/25/03	Rabiner, et al.			
	70	2004/0015061	01/22/04	Currier, et al.			
	71	2004/0015084	01/22/04	Flesch, et al.			
	72	2004/0019318	01/29/04	Wilson, et al.			
	73	2004/0024347	02/05/04	Wilson, et al.			
	74	2004/0024393	02/05/04	Nita, et al.			
	75	2004/0049148	03/11/04	Rodriguez, et al.			
	76	2004/0068189	04/08/04	Wilson, et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
/	77	WO 92/11815	07/23/92	WIPO			

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							YES	NO
	78	WO 93/16646	09/02/93	WIPO				
	79	WO 95/09571	04/13/95	WIPO				
	80	WO 95/26777	10/12/95	WIPO				
	81	WO 96/29935	10/03/96	WIPO				
	82	WO 97/19644	06/05/97	WIPO				
	83	WO 97/19645	06/05/97	WIPO				
	84	WO 99/16360	04/08/99	WIPO				
	85	WO 00/00095	01/06/00	WIPO				
	86	WO 00/38580	07/06/00	WIPO				
	87	WO 01/13357	02/22/01	WIPO				
	88	WO 01/54754	08/02/01	WIPO				
	89	WO 03/030751	04/17/03	WIPO				
	90	WO 03/051208	06/26/03	WIPO				
	91	WO 04/007012	01/22/04	WIPO				
	92	WO 04/012609	02/12/04	WIPO				
	93	JP H02-180275	07/13/90	Japan			X	

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